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Voice of the Stars

OR THE

EFFECTS

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OF THE

Coming Perihelia.

By Prof. C. A. Grimmer,

SAN JOSE, CAL.

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PREFACE.

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The world opposes what it does not understand.—Bacon.

In publishing this pamphlet the author is prepared to meet adverse criticism in good spirit. That there is no literary merit in it, style, finish, or even correct arrangement of the matter, he admits-but still these blemishes of art do not deter him from presenting the work and doing, as he believes, the public a service. The perihelia of the four great planets is a subject of momentous import, and any one knowing any facts relative to or bearing on this approaching epoch should give them to the world. The horrors and magnitude of the coming events are not exaggerated. The plague will be here in America the latter part of 1880, unless strict quarantine and sanitary measures are adopted. I have strictly adhered to the rules of Placidas de Titus, the best author on Mundane Astrology, without introducing the technical figures of the science. Astrology is a veritable science, and should be universally understood. It is a truth, for the heavens do not lie. Every Astrological question propounded is answered by mathematical formula. Those who predict events by cards, crystals and the parphernalia of "fortune tellers," are cheats who bring odium upon the true science. Astrology has no connection with fortune-telling any more than surgery has with surveying. No one can comprehend the beautiful mysteries of Astrology, or work out its intricate, abstruse problems, without a knowledge of trigonometry and the porportion of numbers. I append a partial list of the eminent personages whose teachings have benefitted mankind as well as shedding lustre on the science of Astrology by their staunch advocacy of its doctrines. Here is the galaxy of glorious names: Ptolemy, Placidus, Thales, Hyppocrates, Pythagoras, Plato, Aristotle. Socrates, Galen, Josephus, Cicero, Kepler, Bacon, Napier and Zadkiel. To the enemies of Astrology I have nothing to say. I once opposed it, and can understand how unjust prejudice is. Let them keep a record of the events predicted by the author, and if that does not convince them of its truth, nothing will. I have written this work to warn the country to prepare for the darkest epoch in the world's history. The municipal authorities of every seaport should use every precaution to prevent the plague obtaining foothold. I have written in haste, for the fate of nations often depends on a moment. The plague cannot be cured, but this work gives specific directions, which, if followed by the reader, he can live and escape the malady in the worst-infected country.

THE AUTHOR.

The Voice of the Stars.

CHAPTER I.

It is pretty well understood that the perihelia of the four great planets, Jupiter, Uranus, Neptune and Saturn, will be coincident in 1881. Astrology to-day is ridiculed by many so-called scientists. After 1880 Astrology will be taught by many who reject it now. Bacon says "the world opposes what it does not understand." In the case of Astrology this is pre-eminently so. I have no desire to discuss the verity or falsity of Astrology; I simply state the effects which the approaching perihelia will produce according to Astrological deductions. The effects which this conjunction will produce are momentous, From 1880 to 1887 will be one universal carnival of death. No place on earth will be entirely free from the plague. The Pacific Coast will not suffer anything in comparison to any other portion of globe. The coincidence of these planets in perihelion will always produce epidemics and destructive diseases. Three of these planets are malifics, and Jupiter, although a benific, produces evil through association, or, technically, by conjunction with the others. Diseases will appear, the nature of which will baffle the skill of the most eminent physicians. Every drop of water in the earth, on the earth and above the earth, will be more or less poisonous. The atmosphere will be foul with noisome odors, and there will be but few constitutions able to resist the coming scourge. Therefore prepare.

ye that are constitutionally weak and intemperate and gluttonous, for "man's last home—the grave." From the far East the pestilential storm will sweep, and its last struggle will end here in the far West. In 542 and 1665 three of the planets, two of which were malifics (Mars and Saturn), were in perihelion, and Jupiter, though a benific, brought evil through association. Now 542 and 1665 were the worst plague eras of which the world has any record. From 542 to 546 it has been estimated that from 75,000,000 to 120,000,000 victims suffered death by the plague. [Gibbon's History, vol. III., chap. XLIII.; also Cousins' History Rome, vol. II., p. 178.]

In 1720, Mars and Saturn were in perihelion and in the sign Virgo, and 52,000 out of 75,000 inhabitants died in the city of Marseilles in less than five weeks. In 544, 10,000 persons died each day in Constantinople. Alexandria (Egypt) lost, in 542, 50,000, and in 543, 80,000 of her inhabitants by the plague. But as bad as were those times, they will only approximate the horrors of the seven years many of us are doomed never to witness. All the weak and intemperate are sure to die. There is no escape from the inexorable plague fiend. Fortunate, indeed, are those whose blood is pure and free from any taint or weakness, for they alone will survive the wreck of the human family. The intemperate and weak will join hands and go down to their graves in tens of thousands. Ancient races will be blotted from the face of the earth. Asia will be nearly depopulated, and the islands that border Asia will suffer frightfully from the scourge. The countries that join the northeastern portion of Asia will first suffer the ravages of the plague. Russia will be the first European nation that will suffer. Many people labor under the impression that the plague will not reach America. This is a fatal delusion. Unless correct sanitary measures are taken in 1880 the plague will be devastating large cities on the Atlantic coast of America. America will lose more than fifteen millions of inhabitants if the

sewers of her cities are as imperfect in 1880 as they are to-day. The drainage of every city must be perfected to entirely escape from this monster who fattens on foul matters and feasts on the decayed accumulations of stuffed sewers. All vaults should be cleaned and the strictest sanitary measures adopted and rigidly enforced. Have we so soon forgotten the 15,000 who sleep in their graves, two-thirds of whom would be alive to-day had cleanliness predominated in those cities instead of rottenness, on which the yellow fever thrived? Memphis and Grenada have sewers to-day that are clogged and vaults filled with refuse matters within two feet of the surface. When society becomes too lazy or willfully negligent in cleanliness it ought to be afflicted with plagues. The perihelia will bring other inflictions upon the inhabitants of this earth, over which mankind can exert no restraining influence. There will come storms and tidal waves that will swamp whole cities, earthquakes that will swallow mountains and towns, and tornadoes that will sweep hundreds of villages from the face of the earth; mountains will tremble, totter and fall into sulphurous chasms; the geography of the earth will be changed by volcanic action, mountains will toss their rocky heads up through the choicest valleys; valleys will appear where mountains formerly stood; skillful mariners will be lost on the ocean, owing to the extraordinary variations of the compass; navigators will grow pale with alarm at the capricious deflexure of the needle; volcanoes that have been dormant for centuries will awaken to belch forth their lava with more violence than when in their pristine vigor; rainfalls will deluge valleys, and mountain streams will enlarge their beds and become mighty torrents; fires will start spontaneously and devastate whole forests; great fires will occur in many cities, and some will be totally destroyed; there will be remarkable displays of electricity, frightful to witness; wild beasts will leave their natural haunts and crowd into populous cities, timid and harmless; suffocating fumes of sulphur will escape from the earth,

to the great dread of many; an unprecedent number of ships will be shattered in fragments by running on mighty rocks and small islands that are not down on the navigator's chart; islands will appear and disappear without any apparent cause: the navigator's charts will prove almost a detriment instead of an aid, owing to the sudden changes of ocean currents, temperature and soundings; the birds of the air, the beasts of the field, and even the fish of the sea, will be diseased; billions of fish will die and be cast upon the seashore, to fester in the sun and impregnate the atmosphere with their foul emanations. No fish or animal food should be eaten from 1882 till 1885 in America, for the flesh of nearly all the Animal Kingdom and the finny tribes that may habit the rivers, streams, lakes and oceans will be diseased, and therefore those who partake of the flesh shall poison their blood and be taken away shortly after. The poison that enters the system by eaten diseased meats is just as deadly as to be inoculated with the plague. Farmers will be so stricken with fear that they will cease to till their farms, and gaunt famine will step in to make human misery more wretched; fanaticism will spring up in many places and bloodshed will result therefrom; murderers and robbers will ply their hellish work with impunity, for there will be little or no law; every one will be absorbed with the trying task of keeping alive; people will be buried in deep trenches, uncoffined; the Judge will be stricken from the bench, the pleader at the bar, and the merchant and customer will be seized with the fatal malady while trading: death will come slow and lingering in some cases, but in most it will be swift and terrible. In seaboard towns thousands will be buried in the bays and harbors, the law to the contrary notwithstanding.

CHAPTER II.

In many countries vast districts will be deserted, and even in this country some portions will appear so near

that condition as to appal the traveler. One may walk whole days over hundreds of farms without seeing a living thing. On all the large tracts of land that a short were so animated with animal life, not a vestige of life can be seen. The houses on the deserted ranches will show signs of disarrangement and negligence that plainly tells of the hurried departure of the owners to the populous cities. Let the traveler pursue his way till he comes to the small villages, many of which will not contain a single living thing. Let him look into the houses; let him pass through the doors that stand ajar and witness the sickening spectacle of whole families dead. Let him still wander, if he yet have courage, through the country stricken with the black death, and in the fields on the hillside, and in the dark canyons of the mountains, and he will see every phase of this terrible malady, till the culminating point of death is reached—the end of all attacked with this incurable disease. This state of things will be more apparent in the Atlantic States than here.

The country people will flee to the crowded cities for aid, but unless they are rich the physicians will give them little if any attention. The poor will die by the tens of thousands, without a ministering hand to soothe their dying agonies. The doctors will be in universal demand and extortionate in charges for their services. Bear in mind, no medicine or doctor can give you any more aid than you can yourself. The disease cannot be cured, but unless your system is too weak or impure, copious draughts of warm water and a vegetarian diet will prevent the disease poisoning the blood in the process of digestion. Animal food will poison those who continue the use of it. Fine cotton or sponge dipped into spirits of camphor and kept in the nostrils, and frequently changed, will prevent the blood from being poisoned through the organs of respiration. Many people will think that the total destruction of animal life will occur during this era of plague. After the black death there will be two years of fire, which will

rage with fury in all parts of the world from 1885 to 1887. These fires will be the means of annihilating every germ of disease. In fact, every city or portion of city in which the plague appears should be burned to the ground. This will destroy the scourge. Nothing but fire will do it. Those who pass through these terrible years of woe will have greater capacity for the enjoyment of the pleasures of earth. The earth will yield twice as much as formerly. All the Animal Kingdom will be more prolific and life more prolonged. The average duration of life is said to be thirty-three years now; after the year 1887 it will be twice as long, or sixty-six years. The reason of this most remarkable prolongation of life is owing to the healthy electricity or magnetism that will surround this globe. From 1880 to 1887 the electricity of this earth will be deadly, owing to the malific influence of Saturn and Uranus upon our atmosphere. During the black death the most wonderful celestial phenomena will be seen. For weeks the sun will appear red as blood, and terrible convulsions will appear in that great body. The sun will discharge oceans of flaming hydrogen gases, that will roll in tumultuous billows hundreds of thousands of miles from its center. The moon's actions on the tides will be spasmodic and irregular. Tremendous showers of meteors will fall to the earth and remain in an incandescent state for hours. Dense black clouds will veil the sun for days, and the moon will not shed as bright or steady light as before those dreadful days. The whole heavens and earth will tremble at the awful, continuous reports of thunder—lasting frequently for hours; blinding flashes of lightning will illume the black sky; people will scream with horror at the fantastic shapes the lightning will assume; thousands will go insane with fear of the celestial phenomena; all modes of egress from the cities will be stopped; trains will be stopped on the prairies, in the mountains and valleys, and their occupants will die in them of disease and starvation; steamships and sailing crafts will rot on the oceans with their dead human freight, drifting where the winds

and waves may take them. Stout will be the hearts that will not despair in those dreaful times. Fanatics will arise and cry out that the hand of God is against mankind, and religious frenzy will be rampant in all the large cities; so-called prophets will incite their followers to deeds of blood and rapine, but they will not hold sway long; insanity from religious causes will predominate in those times; the mortality in the cities where sewerage is defective will be appalling; everything that is ate or drank should be boiled well before being used; no cooked food or water should be partaken of if allowed to be exposed to the air for even a quarter of an hour; food must be eaten immediately or as soon after being cooked as possible; every kind of animal food should be eliminated from the table; even fish and game should not be used; milk, butter, eggs, fats and oils (excepting vegetable oils) should be prohibited; vegetables, grains and fruits that are produced in each State alone should be used. The electric condition of everything on earth will be changed, therefore the products of the soil in our immediate vicinity are the best to keep the human system in a positive state. When the human organism is in a strictly positive condition it is impossible to contract disease. All persons in a negative state to their surroundings will be the first to fall victims of the scourge. The flesh-eater and alcholic-imbiber will go hand in hand together to their grave, for their blood will become impure and inflamed, and therefore be in a negative state and necessarily unable to combat disease. Bear in mind, no part of the world will be exempt from the ravages of the plague. The frigid homes of the Esquimaux will be invaded by the demon of death, and desolation will be as apparent there in that frozen land as in the sun-scorched land of Africa. It will penetrate alike the jungles of India and the civilized homes of America. The Mongolian race will suffer most, for it is without doubt the most ancient. Races are like empires —they have their rise, decline and fall.

CHAPTER III.

China will be depopulated, or nearly so, and when the plague breaks out in 1881, in their country, hordes of Asiatics will crowd their ships and flee their country, to spread the loathsome horror over every land they turn to. Every island in the Pacific will be swarming with the Mongolians, and they will at last reach the Pacific States, and then we must suffer a destruction of life without a parallel in the annals of American history. I say that the inhabitants of the plague-stricken districts will reach here unless we are vigilant in using precautionary measures to keep them back. I am not actuated by any feelings of prejudice against any particular race, but the voice of the Hosts of the Heavens should be hearkened unto and if from a mathematical scheme we can deduce certain facts portentous to the Caucasian race, they should be given and followed. If we neglect precautionary measures the whole force of the plague will perhaps sweep fifteen millions of the inhabitants of America into their graves. In mortality the East India country will be next in order of magnitude to China; Africa next, Europe next, and America next. The Atlantic States will suffer more than the Pacific, South America more than North America, and California will be the last and least sufferer of this most malignant plague era the world has ever known. The plague is not only what the perihelia brings us, but it will be accompanied by war, discord, civil strife, floods, inundations, and, in seven-tenths of the world, drought; and unless extraordinary provision is made to quell great uprisings, anarchy, with all its fearful horrors, will reign from 1880 till 1888. General Grant will be elected President in 1880, and will be re-elected in 1884, unless all political parties form a coalition to defeat him In 1887 Grant will have an evil birth-day. If he is wise he will not travel by rail that year, for death will stand

guard over every line of railroad in the country. If he survive the momentous events of 1887, he will have a series of years of peace and happiness, and he will die idolized by our own country, respected and honored by the world. In 1887 the "Star of Bethlehem will once more be seen in "Cassiopia's Chair," and it will be accompanied by a total eclipse of the sun and moon. This star only makes its appearance every 315 years. It will appear and illumine the heavens, and exceed in brilliancy even Jupiter, when in opposition to the sun, and therefore nearer to the earth and brightest. The marvelous brilliancy of the "Star of Bethlehem" in 1887 will surpass any of its previous visitations. It will be seen even at noon-day, shining with a quick flashing light the entire year, after which it will gradually decrease in brightness and finally disappear, not to be seen in our heavens till the year 2202 or three hundred and fifteen years from 1887. This star first attracted the attention of modern Astronomers in the year 1572. It was then called a new star. It was no new star, however, for this was the star that shone so brightly 4 B. C., and was the star that illumined the heavens at the Nativity of Christ. It has reappeared every 315 years since, and every educated Astrologer is certain that it will appear in August 1887. The appearance of this star, accompanied as it will be by solar and lunar eclipse, together with the baleful influence that follows the positions that Mars and Saturn will occupy, will cause an universal war and portentious floods and fearful shipwrecks. North America will be involved in civil strife, and a reign of terror will prevail in the Atlantic States, unless a Napoleon arises to quell it. There will be a war of classes; the rich will array themselves against the poor, and vice versa. During those terrible days the Pacific States will be in a veritable Paradise of peace compared to the hellish strife that will be waging throughout the world.

SUPPLEMENT TO THE

VOICE OF THE STARS.

Since printing the "Voice of the Stars" the author has decided to publish this supplement.

Never in the history of scientific literature has any book met with such bitter, rancorous and bigotted opposition as this pamphlet. To the astronomers who have lost their tempers in their vain efforts to parry the force of the prophecies, the author requests them to take issue with him and confute, if they can, the proposition made that the Newtonian system of astronomy is false in spirit, and in fact as herein demonstrated both by geometry and the law of optics. To the editors, professors, and lecturers who have willfully misconstrued the author's motives he forgives one and all—knowing that humanum est errare.

CHAPTER IV.

The author knows many who believe that the events predicted (even if they should be fulfilled) would have happened precisely the same even if the great planets were not approaching their perihelia. An assertion should have no weight unless a series of examples can be shown, that plagues and the calamities enumerated have happened without the malific planets and the fixed stars having the same nature, being in conjunction square or opposition to each other or the sun. If on

the other hand it can be shown that every great war, plague, epidemic, fire and flood, with which the world is familiar, occurs only when those planets and fixed stars occupy or are nearing the relative positions described, an irrefutable fact or law is established. This can be done by any mathematician by finding the positions the planets occupied shortly before, and on any remarkable era such as the plague for instance. It is not alone to the coincident perihelion periods of the great planets named, must we look to for all the evil effects which this earth has suffered. Prof. Brorsen's comet has appeared this year during the first quarter, and on the 30th of June, 1879; Mars will be in conjunction with Saturn and the destruction of life which the sheep will suffer by disease follows, and also the breaking out again of the yellow fever in the South. Comets when they precede the conjunction of large planets or even their opposition enhance the evil whatever that may be. In 407 A. D., a comet was visable for months, and there was a conjunction of Uranus and Jupiter. In 590 another comet appeared and Saturn was in conjunction with Jupiter. In 1554 Saturn again joined Jupiter. In 1554, 1556 and 1557 comets and Uranus in opposition to Saturn.

In 1563-4 when plague prevailed in London, there appeared a comet and Saturn was joined with Jupiter. In 1580 to 1583, Uranus, Saturn and Jupiter were in conjunction; 1593, Saturn in opposition to Jupiter. In 1596--7, comets and Uranus in conjunction with Jupiter. In 1600 a comet and Saturn conjoined with Jupiter and both in opposition to Uranus. These were all periods of plague or pestilence. 534 B. C., and 430 B. C., the plague made its appearance in Carthage, and the people offered their children as sacrifices to appease the supposed anger of their gods; the conjunction of Mars and Saturn and comets were visible at that time. In 18 A. D., Rome was depopulated at the rate of 10,000 daily; then Uranus and Mars conjoined, and culminated in the sign Leo which rules Rome.

In 1348 comet and Mars in opposition to Saturn and 20,000 died in the city of London alone from the plague. In 1478 Mars and Uranus in conjunction with Saturn, the exact number that died with the plague that year is not known, but it has been stated that more died that year than died from fifteen years of continued war. More than 20,000 persons perished in 1603--4, and more than 35,000 in 1625. In 1665, 100,000 persons died in England alone. In 1720--1, 80,000 persons died in Persia, and 800,000 in Egypt were carried off by that dreadful scourge the plague, and in every one of those times the malific planets were in evil aspect.

If in view of these facts if so-called scientists still remain blinded by bigotry and refuse to investigate the true science of the stars, truth is not acceptable to them. It seems incredible that any scientific person can really believe in the accuracy of the table of astronomical refraction and parallax as given by La Place, and accepted by Sir John Herschel and all modern astronomers. It is surprising that many scientific gentlemen intelligent on everything else, scout the idea that the planets have any influence in producing any physical action upon the earth, and at the same time assert that the moon does exert great influence, for it raises the tides to the hight of seventy-eight feet at the head waters of the Bay of Fundy.

How any one can admit that a small secondary planet in size only the one-fiftieth the bulk of the earth, exerts a tremendous physical power upon the waters of the earth and at the same time deny that Jupiter, the largest of the primaries, 1,280 times larger than the earth, exerts no influence, has no power to produce any physical effect upon the earth by electrical attraction or otherwise, is a mystery I leave to the domain of mental philosophy. The gross material substances of the planets are alone considered and magnified, and the real motive and sustaining force is ignored, i. e., electricity. We are all taught to believe that centrifugal force and centripetal force are of equal power, and we are told that these two forces of opposite natures keep the planets from flying off on tangents and from being drawing into the sun. If the forces were not equal in power, we are told, one of these effects would follow the suspension of either force.

Now let us see if these forces are as astronomers assert of equal power. In simple terms we are told that there is an attraction and repulsion existing between each planet and the sun, and the centrifugal force of a planet to get away from the sun is as great as the attractive or centripetal force of the sun to draw the planet toward and into it; hence, the planet should not get any further away from the sun or any nearer to that body, but should remain throughout its entire orbit at an equal distance from the sun forever.

CHAPTER V.

But the system of astronomy, as taught to-day, tells us that the earth is two millions of miles nearer the sun January 1st, than it is July 1st of each year. How can the forces be of equal power and at the same time once each year, each one of these forces asserts its superiority? If the forces are equal, how is it that our earth is permitted to wander two millions of miles further away from the sun July 1st every year, and every January 1st, it is permitted or does so without permission approach two millions of miles nearer to the sun? This fact tends to prove that the planets act independently and are not governed by the forces stated. We are told that if it were not for the centripetal force all of the planets of the solar system would fly off at right angles, and go rushing head long and tail long through space. How then is it that this same force allows a planet to go two millions of miles further away from it at any one time each year without diminishing its power? For surely this power does not diminish in proportion to the squares of distance; for if it did our earth next July 1st, when it reaches its Aphilion would leave it and go rushing through space, and bid good-by to the sun forever.

Take the other horn of the dilemma and the absurdity is just as great, for we are told that if the centrifugal force of the planets was to cease or be diminished from any cause, the planets would fall into the body of the sun. Now the centrifugal force of every planet diminishes as it approaches its Aphilion, for if it did not it would go on a tangent and would not be attracted toward its perihelion. Therefore, as we are told by every standard work on astronomy, that the momentum of every planet is enhanced as it nears its perihelion or approaches that point in its orbit nearest the sun, what prevents it falling into that body when it has reached its perihelion? It cannot be its repulsive power or centrifugal force, for it has been shown that that power decreases in proportion to the squares of distance from the Aphilion. The so called laws of gravitation as described by Sir Isaac Newton, do not stand the test of honest criticism, and therefore the superstructure of astronomy must be torn down and a new and correct temple erected instead.

Now let us see how a comet will fare as regards these forces. Take the comet of 1682 whose tail astronomers have measured and found to have been 130 millions of miles in length. A comet is a much lighter body than any planet, still it seems that it can travel with impunity a thousand millions of miles farther away from the sun and still keep its orbit, as did the one of 1682. It does seem to any thinking person that a gaseous body that should happen to get within one hundred millions of miles nearer the sun, at any time, would inevitably be drawn into it, for no one will attempt to say that the comet's centrifugal force equals the centripetal force of the sun. Also take the planet Mercury whose orbit is the most excentric of any primary, and at all times he is nearer the sun than any other planet; he is over seven millions of miles nearer the sun we are taught, when in his perihelion than when in his Aphilion. The two forces do not exist as stated outside the imagination of astronomers. The true force which sustains the planets in their orbits, however ex-

centric they may be, is the great universal ocean of electricity which surrounds them. The nature of this electric ocean is positive in action, having no other than attractive power. In fact there is no other force in the universe—one force and one only; this is sufficient. The orbit of each planet is an electric circle, or elipses, out of which it is impossible to go. Permit an illustration: Imagine a grooved circle of magnetized iron, say three feet in diameter, and a small steel ball two inches in diameter placed in the groove of that circle; now turn the circle and as you do so the small ball revolves or falls back down the groove in an opposite direction to that which the circle is turned.

It is this magnetic ocean which surrounds each planet that moves and causes the planet which rests upon its bosom to move independent of the so-called centripetal force of the sun, for the sun is sustained in the same way. The meteors which fall to the earth are only electric scintillations, and are not drawn from the wreck of worlds far removed from us. The meteors fly from the electric zone which surrounds our earth and millions of them every year fall to the earth and in its oceans, without any one observing their fall. The light and heat which the sun imparts to the electric planetary zones keeps them in perfect action. There are some planets which are dark bodies floating through space, and as they receive no light the presumption is strong that the electricity which surrounds them is sluggish and not so perfect in action, or favorable to the development of animal life.

We are told that the earth revolves in its orbit at the immense rate of 68,000 miles an hour, nearly 19 miles a second. This is not so; but even if it were true, nothing but the electric cohesion of the earth with the electric girdle which surrounds it could prevent it from flying into millions of fragments.

All that we know of electricity is that it is the great force which produces and sustains animal and vegetable life and ponderable matter. The general ignorance of

this great principle is nearly as dense as is the Digger Indian's knowledge of geometry.

Electricity is imponderable; it cannot be weighed. 2,000,000 cubic feet of it would not weigh as much as the lightest feather. It ramifies every department of nature; it is the executive officer of God. Its nature is essentially cold, and yet how remarkably hot; hotter than the most intensely ignited solids. The only real knowledge we possess of this invisible agent of the Deity is its omnipotent power. It is the most active principle of which we are cognizant; it is forever at work—never at rest. There are different kinds of electricity; each planet has its own peculiar and suitable kind. The planets farthest removed from the sun have the least active and those nearest the most active electrical elements. All the primaries when in conjunction with the sun, or when any two are in conjunction, much disease on our globe follows. Hence, after June 30, 1879, measles, small-pox and dangerous epidemic fevers will destroy thousands of lives in this country; it will also cause epidemic disease in sheep. The conjunction in this country falls in the "6th house."

CHAPTER VI.

When Neptune, Uranus, Saturn and Jupiter are in conjunction with the sun, or even two of the large planets occupy that position, the electric equilibrium of that planet is disturbed, and therefore every planet is thereby affected in exact proportion to the squares of their distances. The cause which produces the physical changes and diseases is owing to the intensely cold nature of the planets conjoining with the sun. Neptune, we are informed, receives 900 times less light and heat than we

receive; Uranus 368 times, Saturn 90 times and Jupiter 45 times less than we receive on earth. The obvious deduction from this fact is that the changed condition of our atmosphere consequent upon the interference with or abstraction of the usual amount of light and heat will be destructive to life and health in our globe. Suppose, for instance, that our earth received 900 times less light and heat for even a few seconds only. What would be the result? Why the total destruction of animal life would surely follow such a change.

When two or more great planets are in exact heliocentric conjunction they absorb the life-giving principle of that body, and giving nothing back in return of a like nature, the atmospheres of the whole planetary system becomes vitiated and remains in that condition until the dreadful incubus is removed, i. e., by the planets leaving their perihelia and approaching their aphilia. Now the motions of planets are much slower when approaching their aphilia than when they move in the direction of their perihelia, and consequently diseases and great physical commotion takes place, the like of which is sometimes chronicled in the death of worlds.

The planets which are to conjoin are of a cold nature and they produce cold diseases. The plague is essentially a cold disease, is thriving best in cold, wet weather, and therefore we cannot entirely escape it, though we may counteract in a great measure its fearful potency by observing correct sanitary laws.

These statements are not made to needlessly alarm the country, though I pray to heaven the country may awaken to a knowledge of the impending dangers that too soon, alas! will be here ravaging the land. Preparation should be made in every city and town to be in as good sanitary condition of cleanliness as it is possible to meet and war with disease, when the very air becomes laden with deadly virus. The plague is now on this continent: tens of thousands have already died with it in Brazil. No time is to be lost if we mean resistance. All vaults and sewers should be cleaned immediately; all the dead in the cemeteries should be burned, and

those who will die from now till 1887 should be cremated. Nothing is lost by being clean, therefore do not have any filth, in, around or about your premises. This admonition is intended for municipal governments as well as private individuals. When nations or communities become filthy in their habits or surrondings and persist in so remaining, it is a blessing when the plague sweeps them away. If it were not for the dirty, filthy condition of Memphis and Grenada and their miserably defective sewerage, the mortality from yellow-fever would have been less. The same state of affairs exists there to-day and when the warm weather comes, the yellow-fever will break out again. Nearly all the virulent epidemics and obnoxious diseases fatten and thrive upon decaying animal matter, and the foul gasses of our sewers and vaults are the most active agents in spreading loathsome diseases over the land. We should not trade with China, Russia or Brazil, till after 1887. But we will and disease will be imported here in the filthy rags we buy off Russia, or by our commercial relations with China and Brazil. We buy from $10,000,000 to $12,000,000 worth of dirty—perhaps plaguey rags from Russia each year. Marseilles bought rags of Russia in 1720 and she lost 52,000 out of the 75,000 inhabitants that lived there.

CHAPTER VII.

There is no Astronomer living nor any Astronomical work published that gives the true distance of the sun and planets from the earth. The doctrine of astronomical refraction and parallax as given by La Place and accepted by Sir John Herschel and all modern astrono-

mers is false. They make no allowance for a difference in refrangibility that exists between the red rays of Mars and the sun and the white rays of Jupiter, the moon and the other planets. Every person knows, or should know, that the red rays of light are more refrangible than the white. Anyone can satisfy himself on this point by placing a red and white stick of sealing wax in a glass of water side by side, and he will observe that the red wax will appear much more crooked than the other. They forget that the mere changes of the barometer and thermometer bear no proportion to the refrangibility produced by the varying range of the colors of the planets.

The true amount of refraction is not understood by astronomers, hence their grave mistakes, also as the angles of incidence and reflection are not equal, all observations made on the planet Mars to determine the distance of the sun are entirely worthless. It is this fact that has led them to treat the mere difference between refraction above the horizon and the parallax in altitude of any observed body, as, absolutely, and essentially pure parallax, and in this way they have made many grave errors; thus they conclude that the mean parallax of the moon is about 57 minutes and her distance about 237,000 miles. The parallax of the sun is said to be 9 seconds, and therefore his distance about 91,000,000 of miles. The refraction of Mars is much more than any other heavenly body, and yet this fact has been ignored by all astronomers in the past and will be until they read this pamphlet.

On the 30th of June, 1879,[2] Mars will be in conjunction with Saturn when his (Mars) true distance may be taken, but if his greater refrangibility is left out of the other calculations based as they are in error, they will be worthless. Prof. Vince in his "Elements of Astronomy" (p. 58) says that the zenith distances being observed "the horizontal parallax of Mars was 23.6 sec.," and from this he infers the horizontal parallax of the sun. It never occurs to him that the refraction of Mars is so great from the red rays he casts, that on

their entering our atmosphere their sine is nearly equal to ¾ of the sine of the angle of incidence, let that be whatever it may. The true distances and motions of the sun and moon. The maximum distance of the sun differs from the minumum distance by 23,916.61 miles.

Then as the difference=23,916.61 miles	a. c. 5.6213004
Is to the differ'ce of extreme angular motions=232.5"	2.3664230
So is the mean distance=365005.5,	5.5625005
To the mean daily motion of the sun=3548.33"	3.55 0240

This is equal to 59 min. 8.33 sec., which is the exact amount of the daily mean motion of the sun*

Now it will be seen that the slightest change in the maximum or minimum distance of the sun will throw this out considerable, and it follows, beyond dispute, that my numbers are exactly true.

To find the daily mean motion of the moon: The major distance being 37180 miles and the minor distance being 28477 miles, the difference is 8,703 miles. Then:

As the difference=8703 miles,	a. c. 6.0606309
Is to the difference of daily motion at these extreme points=3° 42312,	0.5432135
So is the mean distance=328,285 miles,	4.5162510
To the daily mean motion=13° .17639=13° 10' 35"	1.1197954

And this is known to be exactly the daily angular tropical movement of the moon.

The true distance of the sun and also his semi-diameter:

1st—From the sun's perigree take his true longitude and substract the remainder from 90°, the result will be his anomaly.

2d—Then say "as radius, sine 90°, is to 11958.5. So is the sine of the anomaly to the correction;" which applied to his mean distance will give his true distance.

3d—Say "as 11959.5 are to the increment of the semi-diameter=16.1", so is the 'correction' of the distance to the 'correction' of the semi-diameter;" which applied to the mean of the semi-diameter will give the true semi-diameter.

*Thus 360°=.9856473=59' 8.33"
365.242264.

I claim that the sun instead of being 91,000,000 of miles is only 365,006.5 miles from the earth—in proof of which statement I adduce the following evidence: The mean motion of Mercury is about 58' 1" when in inferior conjunction with the sun and retrograde, but when in superior conjunction, and direct, it is 111' 43".

Now add the mean motion retrograde, 58':1"

To the motion of the sun when in inferior conj'n, 59':8"

117:9=7029"

Mean motion direct in superior conjunction, 111:43
Motion of the sun substract, 59:8

52:35=3155

2)10184
5092

Then: 7029—5092=1937, and we say that 5092:1937::861043: 137,341 miles; which is the semi-diameter of the orbit of Mercury. The mean of the earth, minus the semi-diameter of the same gives us 361,043 miles for the distance of the surface of the earth from the sun; that being the place from which the planet is observed. If we multiply 365006.5, or the mean distance of the sun, by .3870981 we have 141,300; from which, if we take 8963 (the semi-diameter of the earth) we get 137,337 miles; which differs only four miles from the 137,341 miles, shown to be the semi-diameter of the orbit of Mercury.

Now take Venus: The mean motion of this planet, when in inferior conjunction with the sun, is 36' 47"; and, when in superior conjunction with the sun, it is 74' 45". To the former, being retrograde, add the sun's daily mean motion, 59':8", and we have 95' 55"=5755, from the latter subtract the sun's motion, and we have the separate motion, 15' 37",=9' 37". Now half the sum of these two motions is 3346"; and the difference between this half and the lesser motion is 2409" which is

equal to the effect of a distance equal to the semi-diameter of the orbit of Venus.

Thus: As 3346:2409::961,043 miles; 259938 miles; which is the semi-diameter of the orbit of Venus. Now as in the case of Mercury I will take the proportionate distance of Venus, which is according to Sir John Herschel—7233316, and multiply it into the distance of the earth—365006.5, and we get the sum of 364,020; which, if lessened by the semi-diameter of the earth, or 3963, gives us 260,057; which differs from the semi-diameter of Venus' orbit by only 119 miles. Next take Mars: We find that his mean motion, when in opposition, is 21' 41"; and the daily mean motion when in conjunction is 42':38".4. This gives us when treated as the other planets have been, 4849" to 989.6". And we find that the distance of Mars, when in opposition, is 556,-156 miles, and his distance, when in conjunction, is 917,199 miles. Then we find that as 917,199 are to 187,-187, or Mar's distance, in opposition, 4849" to 989.6". Lastly we find Sir John Herschel's proportionate distance of Mars or 1.5236923, when multiplied into the distance of the earth, viz: 365006.5, produces absolutely the same figures for the semi-diameter of his orbit, viz: 556,156 miles.

In the same way Jupiter agrees to within 198 miles, although his distance is 1,899,241 miles. Surely these calculations cannot be mere coincidences, but on the contrary they demonstrate the absolute correctness of the true distance of the sun with a mathematical nicety foreign to the old principle of computation as practiced by Sir Isaac Newton, and followed by all the astronomers of the world to-day. It is unnecessary to apply the same rules to the other planets, for a like result follows the application of these rules to every planet in our system. Astronomers deny that the moon and earth move at the same rate of speed through space. I will now demonstrate that they do, and in such a plain manner that any ordinary intelligent school boy will know that they do. Now, the mean distance of the moon is 27,-304 miles, instead of 240,000 miles; this gives her mo-

tion through space 171,556 miles in forming her circle around the earth, at her mean distance; and this too is exactly the same rate of motion as that of the earth, being 6279,2 miles per diem. But the distance the earth moves through in forming one circle round the sun (one year) is in the ratio of exactly

$$\frac{2{,}293.400}{171{,}556} = 1336823.$$

The length of the year in time, which is that of the earth's circle is 365.242264 days. The length of the moon's circle in time is according to Sir J. Herschel, 27d., 7h., 43m., 11.5sec. which in decimal form will be just 27.32166d. Now

$$\frac{365.242264}{27.32166} = 13.36823.$$

The earth's distance is in exactly the ratio with that of the moon.

For the earth, 365,006.5 miles

$$\frac{\text{365,006.5 miles}}{\text{27,304 miles}} = 13.36823.$$

For the moon, 27,304 miles

The reader will observe that the quotient agreeing in each of these cases proves beyond doubt that it is not a mere accidental coincidence, but in it the hand of the Supreme Architect can be seen. The apparent angular motion of the earth and the moon bears exactly the same ratio or proportion. The moon moves just 13° 1764 daily; that is her daily mean motion. The earth moves in one day 0° 98565, which is his mean motion. Now if we divide this angular motion of the moon by that of the earth, we obtain the same result as above. For,

$$\frac{13° \ 1764}{0° \ 98565} = 13.36823.$$

CHAPTER VII.

The Newtonian system of astronomy is erroneous. I will now proceed to demonstrate this startling assertion by the law of optics. A man six feet high will vanish or become invisible at 3,000 times his height, or six feet multiplied by 3,000 = 18,000 feet = 6,000 yards = 3½ miles nearly minus 160 yards. The same law applies as well to planets as to anything else and we will apply this law to Venus. Astronomers say that this planet's diameter is 7,727.9 miles. Her vanishing point would be 23,183,700 miles, beyond which point it would be impossible to see her. Prof. Proctor, F. R. A. S., says that she was on the 30th of March, 1873, 40,364,000 miles away and therefore entirely invisible. Now on that date she was at her greatest brilliancy and the author and thousands of others saw her. The declaration made, namely, that we saw Venus with the naked eye 17,000,000 of miles farther away than that planet's vanishing point is ridiculous. Of what value are other calculations from this gentleman? Prof. Proctor is selected because he is a leading authority in astronomical science, and not because of any prejudice against the gentleman, for the author disclaims holding any toward any scientific scholar.

Now see how Mars fares when the same law is applied to him. Sir J. Herschel gives the diameter of this planet as 4,098 miles which multiplied by 3,000 gives us 12,294,000 as to the point beyond which he should become invisible. The mean distance of Mars from the sun is said to be 139,153,022 miles; and if we take from this distance that given as the earth's from the sun,

91,328,600, it follows that Mars when at about his nearest point is 47,825,022 miles from the earth. He is then 85,531,022 miles beyond his vanishing point. and of course he should be invisible. Is he invisible? No; but on the contrary he can be plainly seen by the naked eye. Furthermore, on the 25th of next June, 1879, this planet Mars will be about 137,435,000 miles away from the earth—according to the Newtonian method of computing distances—and, therefore, the people in Great Britain—and of course this includes Prof. Proctor F. R. A. S.—will have the pleasure of seeing this planet 125,000,000 of miles beyond his vanishing point. Again the same people (on the same day at any time before 3:45 A. M., this is the time the sun rises in England on the 25th of June, 1879), will see Jupiter after he has exceeded his vanishing point by 212,000,000 of miles, for he will be about 470,000,000 of miles from the earth, according to the Newtonian method of computing distances.

As for Saturn the thing becomes prepotserous. We will in this country be able to see him on the 25th of December, 1879, when he will be, according to the humbug system of computing distances 959,000,000 of miles from the earth and therefore we will see him after he has left the range of vision by not less than 722,000,000 of miles. How these astronomical "confidence" men must roar with laughter when they reflect upon these absurdities. Just think for one moment of the superb "cheek" of these learned asses. Now if the planets and sun are as far away from the earth as astronomical scholars and books inform us, how is it that they are visible to the naked eye of man? O, ye sublime astronomical frauds! Go teach astronomy to the Brazilian baboon; tell him, but do not tell us that we see Venus 17,000,000, Mars, 125,000,000, Jupiter 212,000,000 and Saturn at 722,000,000 of miles beyond their vanishing points. These same brainless gentry condemn without investigation the science of Astrology. But I thank God, they never attempted an investigation, for if backed

up by the most approved instruments and aided by every mechanical contrivance genius has invented, they have blundered, are blundering, and are determined to blunder in the future in their own special studies, astrology would fare badly at their hands. They would only bring odium upon it and make it appear as senseless and as open to ridicule as astronomy as they teach it is, to those who believe in the law of optics. The publication of this pamphlet will destroy the value of every astronomical work that treats on the magnitude and distances of the heavenly bodies. In 1880 the author will publish his true system of astronomy at a price the poorest may purchase.

In conclusion—the stars should be understood, for they are the messengers of God, and their beautiful language and mysteries are made plain to all who chose to be instructed. The stars they are the watchfires of heaven whose glorious lights warn mankind from the perilous path of evil life. The stars they teach that when the heavy hand of sorrow is laid upon us to look up into and through their celestial rays to the Great Power beyond. The stars they are the monitors of mankind; they are the beautiful guardian angels that God speaks through to the inhabitants of earth. The stars, the glorious stars, teach by their heavenly configurations that we should mend our lives and prepare for the great physical and electric changes that are soon to sweep everything impure from the face of the earth.

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